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Application Serial Number: 10/664, 658
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DATE: 03/14/2006

PATENT APPLICATION: US/10/664,658

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3 <110> APPLICANT: GELVIN, STANTON B.
4     MYSORE, KIRANKUMAR S.
5     WANG, KAN
6     FRAME, BRONWYN R.
8 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ENHANCED PLANT CELL
9     TRANSFORMATION
11 <130> FILE REFERENCE: 3220-94790
13 <140> CURRENT APPLICATION NUMBER: 10/664,658
14 <141> CURRENT FILING DATE: 2003-09-18
16 <150> PRIOR APPLICATION NUMBER: 10/098,161
17 <151> PRIOR FILING DATE: 2002-03-14
19 <150> PRIOR APPLICATION NUMBER: PCT/US00/25260
20 <151> PRIOR FILING DATE: 2000-09-14
22 <150> PRIOR APPLICATION NUMBER: 09/661,960
23 <151> PRIOR FILING DATE: 2000-09-14
25 <150> PRIOR APPLICATION NUMBER: 60/154,158
26 <151> PRIOR FILING DATE: 1999-09-15
28 <160> NUMBER OF SEQ ID NOS: 40
30 <170> SOFTWARE: PatentIn Ver. 3.3
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33 <211> LENGTH: 1684
34 <212> TYPE: DNA
35 <213> ORGANISM: Arabidopsis thaliana
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43 caacgttatt tatatgatta gtaattcatc aaatttatat agtgataaaa ttccacaatg 360
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45 ttttcttcgc tgggggttgg tgggcgagtt ctaaaccat aagcggccca tttacttcgt 480
46 aaactcaatt cgatttgttc agcgttccaa gcccataata ttattttcaa gggcataaaa 540
47 taaattgagg tttatatgga aaatttggaa attccctcgt ccagaagaaa ccaacaaaaa 600
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51 cgattttttt gcgcctcttg tgggttggtg ttggtgaaaa tggctggtcg tggaaaaact 840
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71 <212> TYPE: DNA

72 <213> ORGANISM: Arabidopsis thaliana

74 <400> SEQUENCE: 2

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77 tagcaaagcc ggtcttcaat tcccgggtgg tgcgtatcgt cgtttcttaa aagccggtaa 180
78 atacgccgaa cgtgttgggt ccggtgctcc gggttatctc gccgccgttc tgaatattt 240
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82 gaaggtggtt gcttcaaagc ctcaggaaga ttaggtcttt taacacaatg atatagaaca 480
83 cgtctctctt ttggcttttag atctaataac ctaataacta gctagatgtt ttcacttttt 540
84 gtatctttgc tttttttaat tcttttaggg atttgtttct ttccgtttct gtttcgacat 600
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90 <212> TYPE: DNA

91 <213> ORGANISM: Arabidopsis thaliana

93 <400> SEQUENCE: 3

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96 tctcgtagta gcaaggctgg gcttcaattc cctgttggtc gtatcgctcg atttttgaaa 180
97 gccggtaagt acgccgagcg tgttgggtgc ggagctccgg tctatctcgc ccggttctt 240
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99 acccgatatag ttccacgaca cattcagctt gctgtgagga atgatgagga gctaagcaag 360
100 ttgcttggag atgtgacaat tgctaattga ggagtgtgc ctaacatoca caatctcctt 420
101 ctccccaaag aggtggttct atctaagcct actgaagaag attaggttca ttacgaagat 480
102 agggaaagct ggaaactggt tgatatcaga taatgcttag gattgttttt tttttcattt 540
103 gcttttcttc tgcagcaatg gaagctgtgt ggttgtaacta gttgttaagg ttacctttgt 600
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109 <212> TYPE: DNA

110 <213> ORGANISM: Arabidopsis thaliana

112 <400> SEQUENCE: 4

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117 ggtgctcccg tttatctctc cgccgttctc gaatacctcg ccgctgagg attggagcta 300
118 gctggaaatg cagcaagaga taacaagaag acacgtatcg taccacggca cattcagctt 360
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121 gatatcgga ctgcttctca agagttttta ttttatttt tagcttgtaa catagacatg 540
122 gctctctgtt ccacaatagt tttggtattt tcatgttact caaaaactgt gtttgcaaat 600
123 ccagtaatga attcggtttg aagaagtga atagttaaat ttgatgtgtt gaaatagcgg 660
124 attcaatggc ttcaatacaa gtgctaata gtttggtctt agccatggtt tctgcaagtg 720
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132 <213> ORGANISM: Arabidopsis thaliana

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137 aagaacagag tttctgcaca tagtagtgtt ggtgcgactg atgttgtcta catgacttca 180
138 atccttgaat acctaactac agaggttctt cagttggccg aaaacactag caaagattta 240
139 aaagtgaaga ggataactcc aaggcatttg cagttggcga tcagaggaga tgaagagctt 300
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144 <211> LENGTH: 739

145 <212> TYPE: DNA

146 <213> ORGANISM: Arabidopsis thaliana

148 <400> SEQUENCE: 6

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151 tcgaagaaga cgatgagtag aggcgcagga agcggaaaca ccaaagggtg cagaggaaag 180
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159 cggaacttgt aaaatagacc ctgatggtgt tttttgggga tcaaattagg ttttaaagct 660
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167 <213> ORGANISM: Arabidopsis thaliana

169 <400> SEQUENCE: 7

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171 atcgataacc gtagcaatgg aatccaccgg aaaagtgaag aaagctttcg gaggaagaaa 120
172 accacctggg gccccaaaaa ccaaatccgt ttcgaaatcg atgaaagccg gtcttcaatt 180

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179 tttcggttgct agtttgtgtt tgagctctgg tgaatgtaga aatttgaagc ttttggatct 600
180 tagtttctat gtatttgggtg atttagaatg ttgttcaaaa tccttttctt aatcataaga 660
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187 <213> ORGANISM: Arabidopsis thaliana

189 <400> SEQUENCE: 8

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192 cgagaggagc aggaggaagg aaaggtggag ataggaagaa gagtgttagt aaatctgtta 180
193 aagctggtct tcaatttccc gttggtcgta tcgctcgtaa cttgaagaaa ggtcggtagc 240
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199 gataaagaat agtatcgatg ttgctttttg gttatattcg gatcttagat gaagaagaag 600
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201 ttctctttgt tttggtttgt cttatgtaaa aaccatggga agatgattat gtttgtaaac 720
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213 ggctggtaaa ggtgggaaag ggcttctagc tgcgaagacg acggcagcag ctgcaaacaa 180
214 agacagtgtt aagaagaaat ccactctctg ctcttctcgt gctggatttc agtttccagt 240
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216 tgctgctgtt tacactgcat caattctaga atacttgact gctgaagtac tcgagtttagc 360
217 tggaaatgag agcaaggatc tcaaagtga gagaattaca ccaagacatt tgcagcttgc 420
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234 aagaagaagc ctatcactcg ttcttctcga gctgggtctcc agttccaggt tggtaggggtg 240
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241 tagagaagct ctttttagga tcgtttgcta ttgttcgttc gatcagcgta ctttgtgtta 660
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249 <213> ORGANISM: Arabidopsis thaliana

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256 aatacctcgc cgctgaggta ttggaattgg ctggaaacgc agcgagggat aacaagaaga 300
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